



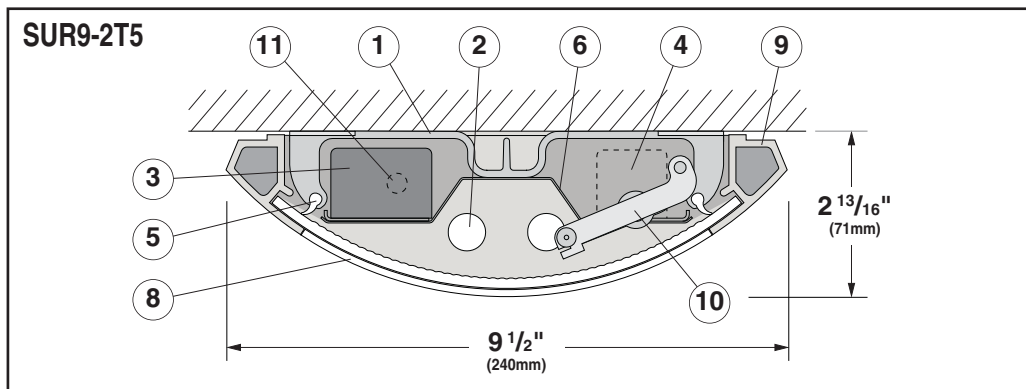
Project: _____

Type: _____ **Qty:** _____

SUR9	-	-	-	-	-	-	-	-
Series	Lamp	Shielding	Mounting	Feed Location	Length	Finish	Voltage	
Option	Option	Option						

Series	Lamp Type	Shielding	Mounting	Feed Location	Length	Finish	Voltage	Options
SUR9 Survivor [®] 9	1T5	PC Polycarbonate Prismatic Satine Lens (IP66 certified)	F Surface Mount	LF Left Feed ²	002 Nominal 2 ft.	WH White	120	MT Media Trunking ⁴
	2T5		V Vertical Wall Mount ¹	RF Right Feed ²	003 Nominal 3 ft.	BK Black		EM Emergency Ballast ⁵
	1T8		RS Suspended Rigid Stem Mount	VF Vertical Feed ³ (feed at bottom)	004 Nominal 4 ft.	SV Silver	347	FS Single Fusing
	2T8					SP Specify RAL#		CW Cold Weather ballast (-20 F/-29 C)
	1T5HO							
	2T5HO ⁶							
				RUN Nominal ⁴				

¹ No Hinges included. ² F mounting only. ³ V mounting only. ⁴ Please consult factory. ⁵ Not available with T5HO. ⁶ 35 C max. ambient, dimming not available.



1. Main Housing - low profile marine-grade, extruded aluminum housing with low-copper, die cast aluminum end caps and stainless steel mounting brackets. Designed for indoor & outdoor wall and ceiling mount as well as light to medium security area applications. Mounting hardware by others.

2. Lamps - Single or double T5, T5HO, or T8 lampping by others.

3. Ballast - ESB/HPF, sound rated class "A" electronic 0° starting temperature with Cold Weather (to -20 F) optional. Specify voltage. Consult factory for ballast options.

4. EM Ballast - Optional, please consult factory for ballast options.

5. One piece Silicone Gasketing - Fixture lens and end plates are fully gasketed (IP66/67 rated) for weather proofing, dust, and insect control.

6. Ballast Tray - Ballast tray installs as complete electrical unit secured with a spring clip assembly fully accessible from below ceiling. White finish for even illumination.

7. Ballast tray Quick Disconnect - (not shown) Ballast tray is wired to Quick Disconnect to allow for easy removal and maintenance.

8. Shielding - Vandal and impact resistant .156" thick polycarbonate prismatic satine lens (IK10, NRTL, & IP66 wet label certificate ratings).

9. Hinged Lens Door - Door hinges down on surface mount version for easy access to lamp(s) and ballast. Hinges are replaced with safety cable for Vertical Wall Mounting. Door is removable without tools for easy mounting of housing and seals securely with two (2) vandal resistant stainless steel fasteners.

10. Hinge - For lens door.

11. Feed Location - For Surface Mount (F), specify Left (LF) or Right (RF) side for power feed entry. For Vertical Wall Mount (V), Feed Location (VF) is at bottom only. If mounting over junction box, power feed wire provided fits into exterior recessed channel allowing flexibility in mounting fixture over junction box. Consult factory for

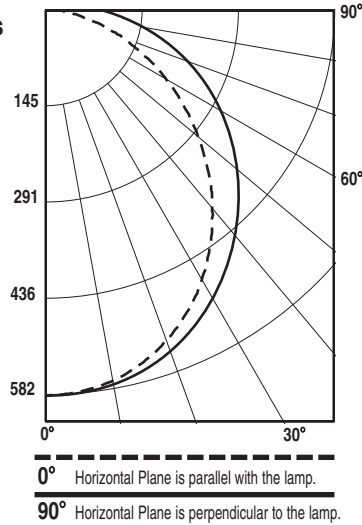
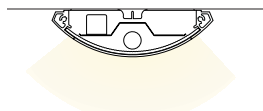
middle fixtures to be connected in a linear row with Media Trunking (option) or nipple connector.

Exterior Luminaire Finish - SELUX utilizes a high quality Polyester Powder Coating. All SELUX luminaires and poles undergo a five stage intensive pre-treatment process where product is thoroughly cleaned, phosphated and sealed. SELUX powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), and Silver (SV). RAL colors (SP) are available, please specify RAL#.



SUR9-1T5 / Polycarbonate Lens



Catalog #: **SUR9-PC-F-004-1T5**
Lamp: **1x F28T5 @ 2610 lumens**
Report #: **LTL-19512**
Luminaire Efficiency: **67%**
Maximum Candela: **582 @ .5°**

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<http://www.selux.com/web/files/interior/SUR9-PC-F-004-1T5.zip>

COEFFICIENTS OF UTILIZATION - Zonal cavity method

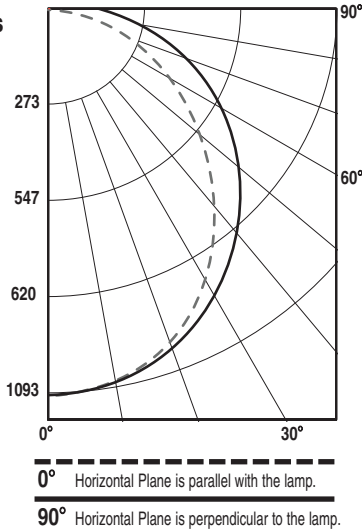
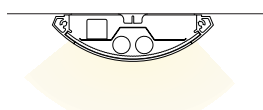
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0	79	79	79	79	79	77	77	77	77	74	74	74	70	70	70	67	67	67	67	67	67	66		
1	72	68	65	62	70	67	64	61	63	61	59	61	59	57	58	56	55	54	54	54	54	54		
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10	35	26	20	17	34	25	20	17	25	20	17	24	20	17	23	19	16	15	15	15	15	15		

Effective Floor Cavity Reflectance 0.20

CANDELA DISTRIBUTION					
	0	22.5	45	67.5	90
0	582	582	582	582	582
5	578	579	579	579	579
15	553	554	557	560	561
25	504	507	515	523	526
35	432	439	454	470	476
45	347	356	380	403	413
55	253	267	298	329	342
65	162	177	214	251	265
75	79	94	132	171	186
85	14	30	64	98	112
90	0.0	11	38	67	79

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT.
0-30	449.4	17.2	25.8
0-40	733.4	28.1	42.0
0-60	1292.6	49.5	74.1
0-90	1714.9	65.7	98.3
90-180	29.6	1.1	1.7
0-180	1744.4	66.8	100.0

SUR9-2T5 / Polycarbonate Lens



Catalog #: **SUR9-PC-F-004-2T5**
Lamp: **2x F28T5 @ 2610 lumens**
Report #: **LTL-19513**
Luminaire Efficiency: **61%**
Maximum Candela: **1093 @ 0°**

DOWNLOAD IES FILE:
<http://www.selux.com/web/files/interior/SUR9-PC-F-004-2T5.zip>

COEFFICIENTS OF UTILIZATION - Zonal cavity method

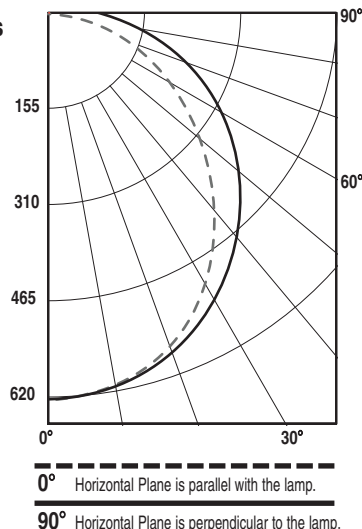
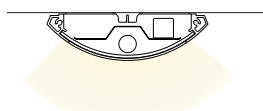
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0	73	73	73	73	71	71	71	71	68	68	68	65	65	65	62	62	62	60	60	60	60	60		
1	66	63	60	57	64	61	59	56	58	56	54	56	54	53	54	52	51	49	49	49	49	49		
2	60	54	50	46	58	53	49	46	51	47	45	49	46	43	47	44	42	41	41	41	41	41		
3	54	48	43	38	53	47	42	38	45	41	37	43	39	36	41	38	36	34	34	34	34	34		
4	50	42	37	33	48	41	36	32	40	35	32	38	34	31	37	33	31	29	29	29	29	29		
5	46	38	32	28	44	37	32	28	36	31	27	34	30	27	33	29	27	25	25	25	25	25		
6	42	34	28	24	41	33	28	24	32	27	24	31	27	24	30	26	23	22	22	22	22	22		
7	39	31	25	22	38	30	25	21	29	25	21	28	24	21	27	24	21	20	20	20	20	20		
8	36	28	23	19	35	28	23	19	27	22	19	26	22	19	25	21	19	17	17	17	17	17		
9	34	26	21	17	33	25	21	17	25	20	17	24	20	17	23	19	17	16	16	16	16	16		
10	32	24	19	16	31	23	19	16	23	18	15	22	18	15	22	18	15	14	14	14	14	14		

Effective Floor Cavity Reflectance 0.20

CANDELA DISTRIBUTION					
	0	30	45	60	90
0	1093	1093	1093	1093	1093
5	1087	1087	1087	1087	1087
15	1039	1041	1045	1049	1050
25	943	949	962	962	980
35	808	818	844	872	882
45	647	662	703	744	760
55	470	493	547	601	622
65	301	326	388	449	473
75	145	171	234	297	321
85	26	53	109	164	187
90	0.0	19	62	109	128

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT.
0-30	841.1	16.1	26.3
0-40	1369.5	26.2	42.8
0-60	2400.3	46.0	75.0
0-90	3152.3	60.4	98.5
90-180	46.8	0.9	1.5
0-180	3199.1	61.3	100.0

SUR9-1T8 / Polycarbonate Lens



Catalog #: **SUR9-PC-F-004-1T8**
Lamp: **1x F32T8 @ 2850 lumens**
Report #: **LTL-19510**
Luminaire Efficiency: **65%**
Maximum Candela: **620 @ 0.5°**

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COEFFICIENTS OF UTILIZATION - Zonal cavity method

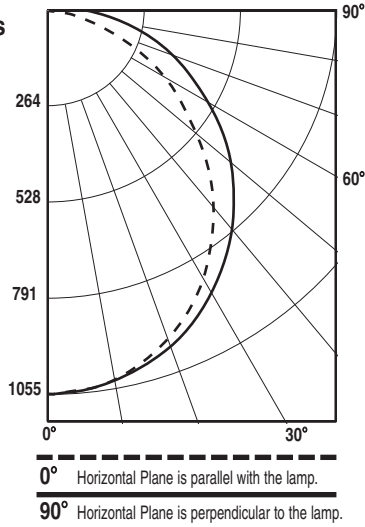
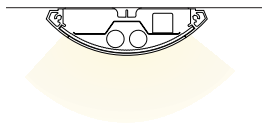
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0	77	77	77	77	75	75	75	75	72	72	72	68	68	68	65	65	65	64	64	64	64	64		
1	70	66	63	61	68	65	62	59	62	59	57	59	57	55	56	55	54	52	52	52	52	52		
2	63	57	53	49	61	56	52	48	54	50	47	51	48	46	49	47	44	43	43	43	43	43		
3	57	50	45	40	56	49	44	40	47	43	39	45	41	38	43	40	38	36	36	36	36	36		
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10	34	25	20	16	33	25	20	16	24	19	16	23	19	16	23	19	16	15	15	15	15	15		

Effective Floor Cavity Reflectance 0.20

CANDELA DISTRIBUTION					
	0	30	45	60	90
0	620	620	620	620	620
5	617	617	617	617	616
15	590	591	593	596	596
25	537	540	547	555	557
35	461	468	482	498	503
45	371	381	403	428	437
55	272	285	317	350	362
65	175	190	227	265	281
75	85	101	139	178	196
85	15	31	66	101	116
90	0.0	11	38	68	80

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT.
0-30	478.1	16.8	25.8
0-40	779.8	27.4	42.1
0-60	1374.8	48.2	74.3
0-90	1821.5	63.9	98.4
90-180	29.1	1.0	1.6
0-180	1850.6	64.9	100.0

SUR9-2T8 / Polycarbonate Lens



Catalog #: **SUR9-PC-F-004-2T8**
 Lamp: **2x F32T8 @ 2850 lumens**
 Report #: **LTL-19511**
 Luminaire Efficiency: **54%**
 Maximum Candela: **1055 @ 0°**

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COEFFICIENTS OF UTILIZATION - Zonal cavity method

RC	80				70				50				30				10				0
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0		
0	64	64	64	64	64	63	63	63	63	60	60	60	57	57	57	54	54	54	53		
1	58	55	53	51	57	54	52	50	52	50	48	49	48	46	47	46	45	44	44		
2	53	48	44	41	51	47	43	40	45	42	39	43	41	38	41	39	37	36	36		
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7	35	27	22	19	34	27	22	19	26	22	19	25	21	19	24	21	18	17	17		
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9	30	23	18	15	29	22	18	15	22	18	15	21	18	15	20	17	15	14	14		
10	28	21	17	14	27	21	17	14	20	16	14	20	16	14	19	16	14	13	13		

Effective Floor Cavity Reflectance 0.20

CANDELA DISTRIBUTION					
	0	30	45	60	90
0	1055	1055	1055	1055	1055
5	1049	1050	1050	1050	1050
15	1003	1005	1009	1014	1014
25	913	918	930	943	946
35	783	794	817	841	848
45	628	643	679	715	727
55	459	480	528	574	591
65	295	318	374	427	447
75	143	167	224	280	300
85	26	51	103	152	172
90	0.0	18	59	101	117

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT.
0-30	812.9	14.3	26.4
0-40	1323.7	23.2	43.0
0-60	2318.3	40.7	75.2
0-90	3036.9	53.3	98.6
90-180	44.1	0.8	1.4
0-180	3081.0	54.1	100.0